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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/893,982	06/29/2001	Peter L. Doyle	. 219.40022X00	6160	
7	590 09/08/2003				
Blakely Sokoloff Taylor & Zafman LLP			EXAMI	EXAMINER .	
12400 Wilshire Boulevard Seventh Floor Los Angeles, CA 90025		•	MONESTIME, MACKLY		
			ART UNIT	PAPER NUMBER	
			2676		
			DATE MAILED: 09/08/2003		

Please find below and/or attached an Office communication concerning this application or proceeding.

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Entensions of them rangle arising between of 3 CPR 1.35(a), in no event, however, may a reply be timely filled Entensions of them rangle arising of them and the provision of 3 CPR 1.35(a), in no event, however, may a reply be timely filled If the period for reply separative between 53 CPR 1.35(a), an operation, however, may a reply be timely filled If the period for reply separative between 53 CPR 1.35(a), an operation of the period for reply within the set or extended period for reply will, by a fatality, paried will give judy and will expire 30 (6), MOSTRS from the mailing date of this communication. Fatalize to reply within the set or extended period for reply will, by a fatality, as a reply within the set of extended period for reply will, by a fatality, as a reply will, by a fatality, as a reply will and the set of the communication, even if thinky filled, may reduce any search patent term adjustment. Set 37 CFR 1.75(d)). Status 1) Responsive to communication(s) filled on 29 June 2001. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under £x parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1.24 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) 1.24 is/are rejected. 7) Claim(s) is/are allowed. 8) Claim(s) 1.24 is/are rejected. 7) Claim(s) is/are allowed. 8) Claim(s) 1.24 is/are rejected. 7) Claim(s) is/are allowed. 8) Claim(s)			79				
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Mackly Monestime 2676	**	09/893,982	DOYLE, PETER L.				
- The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ③ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extendison of time may be availated under the provisions of 3 CFR 1.15(c), in no event, however, may a reply the timely filled to the provisions of 1 CFR 1.15(c), in no event, however, may a reply the timely filled to the provision of the provision	Office Action Summary	Examiner	Art Unit				
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Enterprise of More True is available under the provisions of 37° CFR 1.35(p), in no event, however, may a rophy be timely filed a service of the provision of 37° CFR 1.35(p), in no event, however, may a rophy be timely filed a service of the provision of 37° CFR 1.35(p), in no event, however, may a rophy be timely filed a service of the provision of 37° CFR 1.35(p), which the statutory inflamm of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will apply and will apply and will apply a service of the service of the communication of the provision of the maximum statutory period will apply and and apply and and apply apply and apply apply and apply apply apply and apply a							
THE MAILING DATE OF THIS COMMUNICATION. Elections of time may be validate under the provision of 3 or ER 1.15(b). In no event, however, may a reply be timely filed after SX (6) MCNTRS from his mailing date of this communication. It is a statistical to the provision of the communication of the communication of the text (6) MCNTRS from his mailing date of this communication. Failuse to reply visible in set of extended period for reply will, by datable, cause the application to become ARAMDONED (IS U.S. § 133). Any reply received by the Office and that the three maining date of this communication, even if timely filed, may reduce any of the provision of the pr	The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the o	correspondence address				
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3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). a) The translation of the foreign language provisional application has been received. 15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)	1. Certified copies of the priority documents have been received.						
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2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)	Attachment(s)	, , , , , , , , , , , , , , , , , , , ,					
	1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4.	5) Notice of Informal					

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DETAILED ACTION

1. Claims 1-24 are presented for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 3. Claims 1-5, 7-10, 12-14, 17-20, 22 and 24 are rejected under 35 U.S.C. 102(b) as being anticipated by Devic et al (US Patent No. 6,054,993).
- 4. As per claims 1-2, 8-9, 17 and 22, Devic et la disclosed the invention as claimed, including a computer system comprising: a memory device to store a plurality of texture coordinates associated with vertices of three dimensional objects (Fig. 3; Item No. 104; col. 1, lines 31-44; lines 53-55; col. 4, lines 37-39), a graphics device to couple to said memory device and to process internal coordinates for display (Fig. 3; Item No. 104, 114 and 120); and a mapping system to appropriately route select ones of said plurality texture coordinates from said memory device to said graphics device (Fig. 4, Item No. 126).
- 5. As per claim 3, Devic et al disclosed said graphics device comprises a plurality of mapping engines each to process a separate one of said internal texture coordinate (Fig. 4, Item No. 126; Fig. 7, Item No. 70; col. 8, lines 7-12; lines 56-60).

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6. As per claims 4-5, 7, 10-11, 19-20 and 24, Devic et al disclosed said graphics device comprises a plurality of registers; each corresponding to a separate one of said plurality of mapping engines (col. 9, lines 27-30; col. 10, lines 31-35).

- As per claims 13 and 16, Devic et al disclosed the invention as claimed, including as claimed, including a graphics device for creating an image base on internal texture coordinates received from a memory device (Fig. 3; Item No. 104, 114 and 120), said graphic device including a plurality of mapping engines (Fig. 4, Item No. 126; Fig. 7, Item No. 70; col. 8, lines 7-12; lines 56-60) and a plurality of registers, each register corresponding to a source of texture coordinate values for one of said mapping engine (col. 9, lines 27-30; col. 10, lines 31-35).
- 8. As per claim 14, Devic et al disclosed a display device to display said image based on an output of said graphics device (Fig. 3; Item No. 104, 114).

Claim Rejections - 35 USC § 103

- 9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 10. Claims 6, 11, 15, 18, 21 and 23 rejected under 35 U.S.C. 103(a) as being unpatentable over Devic et al (US Patent No. 6,054,993).

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11. As per claims 6, 11, 15, 18, 21 and 23, Devic et al did not explicitly disclose: a default and

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one of said plurality of said texture coordinates in said memory device; to select ones of said

plurality of said texture coordinates are transferred from said memory device to said mapping

engines without transferring unselected ones of said plurality of texture coordinates. However, the

concepts and associated advantages of having a default in computer system is well known in the

art. Thus, default is an alternative value or option that is assumed when none has been specified;

or it is implicit option that is assumed when no option is explicitly stated, or it is some parameter

values supplied by a computer system when no explicit values are provided by a program; or it is

a choice among exclusive alternatives made by the system when no explicit choice is specified by

a user. Therefore, "official notice" has been taken by the examiner that the use of a default in

computer system is well known in the art.

Conclusion

Applicant is required to give full consideration to these prior art references when

responding to this office action.

The prior arts made of record and not relied upon is considered pertinent to applicant's

disclosure.

Wilde et al (US Patent No. 5,844,586) taught a tiled linear host texture storage.

Morein et al (US Patent No. 6,483,505) taught a method and apparatus for multipass pixel

processing.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mackly Monestime whose telephone number is (703) 305-3855. The examiner can normally be reached on Monday to Thursday from 7:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bella Matthew, can be reached on (703) 308-6829.

Any response to this action should be mailed to:

Commissioner of Patent and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, Va, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Mackly Monestime

Patent Examiner

August 28, 2003

MATTHEW C. BELLA SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2600

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